

FIGURE 1

*rpoB* gene of *M. tuberculosis*

Total: 531 bp

tca aggaagaagcg ctacgacctg gcccgcgtcg gtcgtataa (43)  
 ggtaacaag aagctcgggc tgcattgtcgg cgagcccatc acgtcgtaga cgctgaccga (103)  
 agaagacgtc gtggccacca tgaatatct ggtccgcttg cagcgggtc agaccacgat (163)  
 gaccgttcgg ggcggcgtcg aggtgccggt ggaaccggac gacatcgacc acttcggcaa (223)  
 ccgccgcctg cgtacggctg gcgagctgat ccaaaaccag atccgggtcg gcatgtcgcg (283)  
 gatggagcgg gtggtccggg agcggatgac caccaggac gtggaggcga tcacaccgca (343)  
 gacgttgatc aacatccggc cggtggtcgc cgcgatcaag gagttcttcg gcaccagcga (403)  
 gctgagcaca ttcatggacc agaaacaccc gctgtcgggg ttgacccaca agcgcggact (463)  
 gtcggcgtcg ggcgccggcg gtctgtcacg tgagcgtgcc gggctggagg tccgcggacgt (523)  
 gcacccgt

FIGURE 2

Underlined Letters: Primer-binding regions

**Bold Letters**: polymorphic region existing in *M. tuberculosis* and MOTTs

*Italic letters*: the region related to the resistance against rifampin

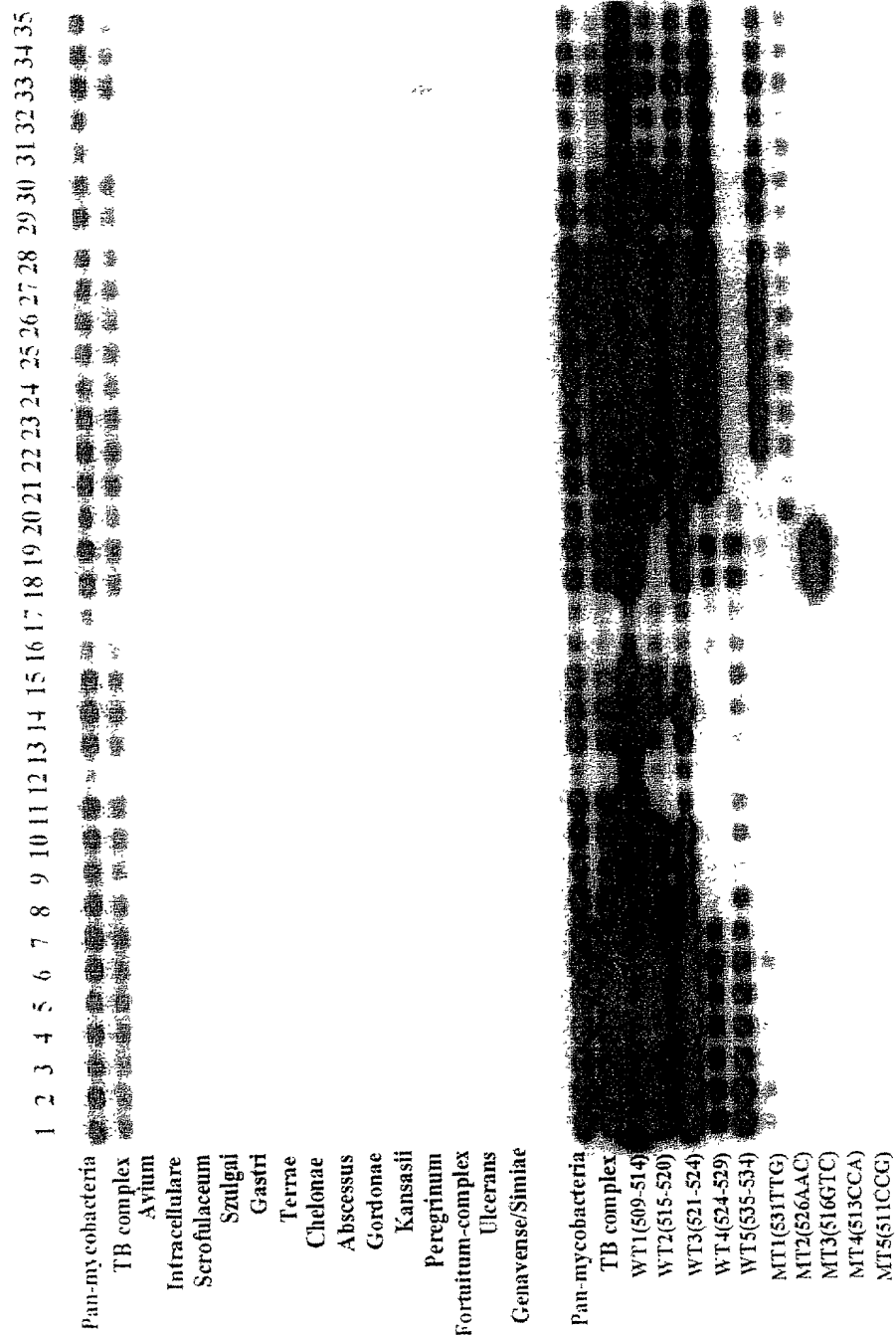


FIGURE 3

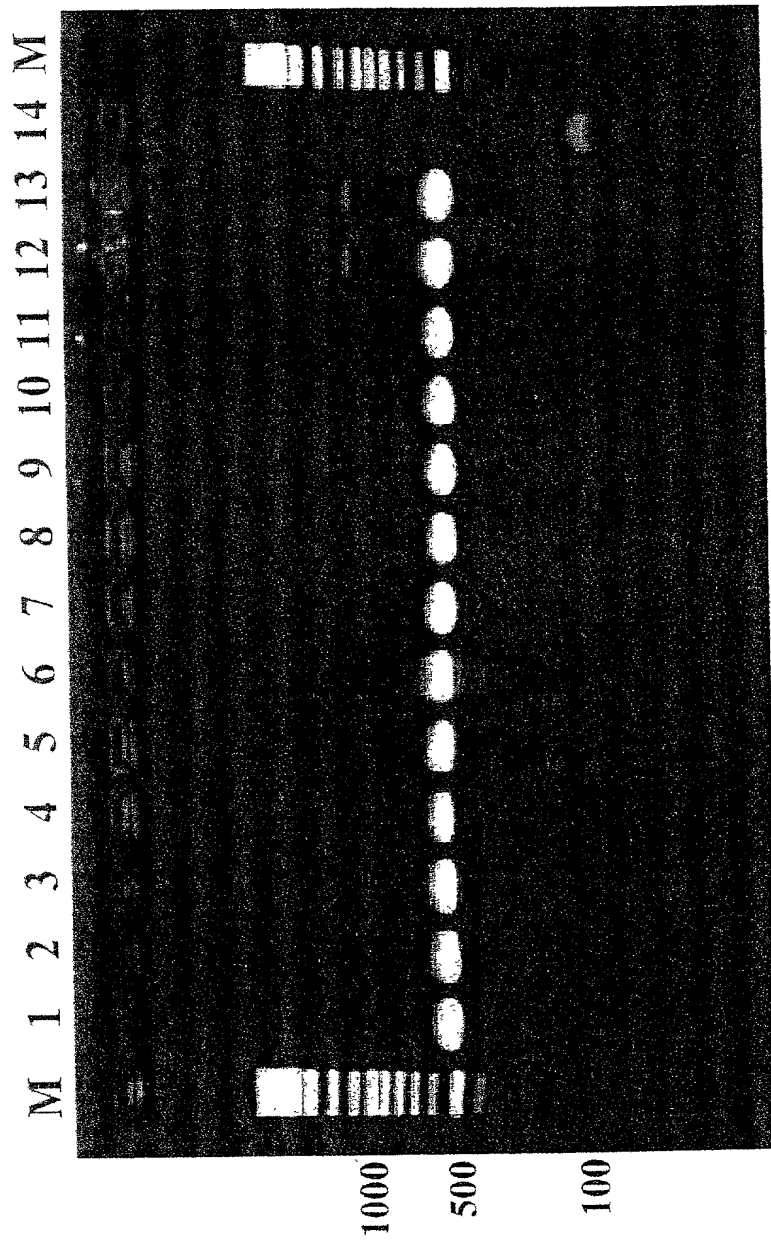


FIGURE 4

*M. gilvum*  
*M. intermedium*  
*M. vaccae*  
*M. triviale*  
*M. thermoresistabile*  
*M. phlei*  
*M. parafortuitum*  
*M. flavesceus*  
*M. malmoeense*  
*M. celatum II*  
*M. celatum I*  
*M. nonchromogenicum*  
*M. simiae*  
*M. genavense*  
*M. marinum*  
*M. ulcerans*  
*M. peregrinum*  
*M. fortuitum II*  
*M. fortuitum I*  
*M. kasatii*  
*M. gordonae*  
*M. abscessus*  
*M. chelonae*  
*M. terrae*  
*M. gastri*  
*M. szulgai*  
*M. scrofulaceum*  
*M. intracellulare*  
*M. avium*  
*M. microti*  
*M. africanum*  
*M. bovis BCG*  
*M. bovis*  
*M. tuberculosis H37Rv*

Pan-mycobacteria  
 TB complex  
   Avium  
 Intracellular  
 Scrofulaceum  
   Szulgai  
   Gastri  
   Terrae  
   Chelonae  
   Abscessus  
   Gordonae  
   Kansatii  
   Peregrinum  
 Fortuitum-complex  
   Ulcerans  
   Genavense/Simiae

FIGURE 5

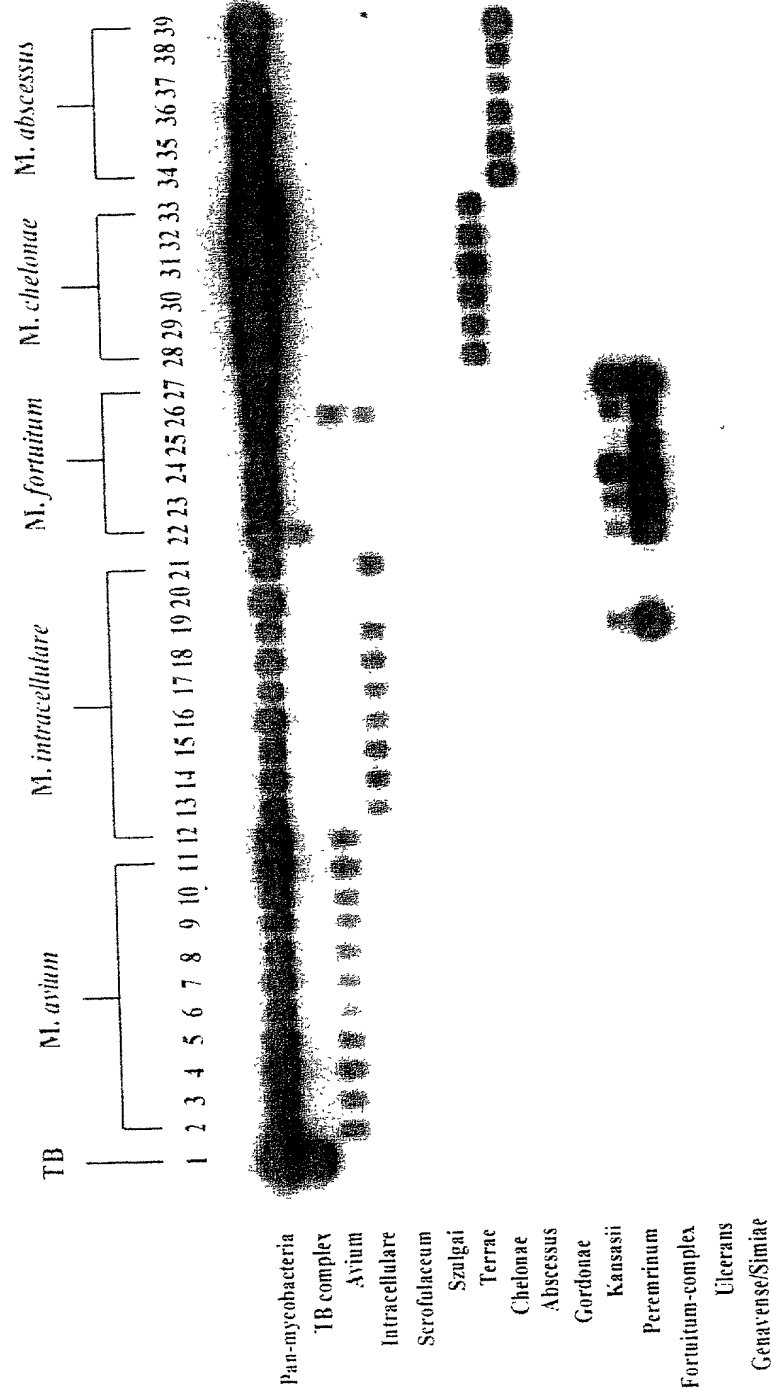


FIGURE 6

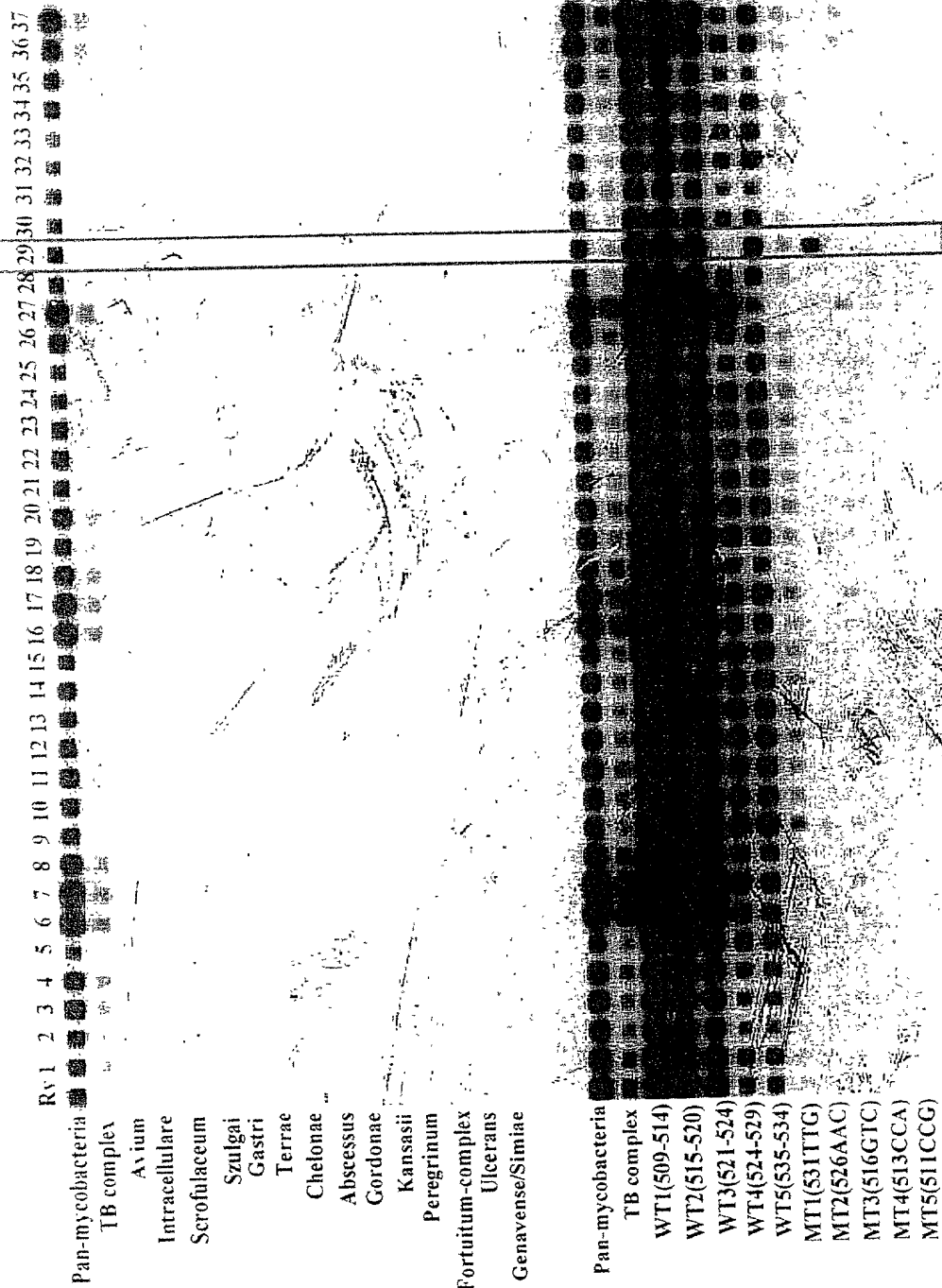


FIGURE 7